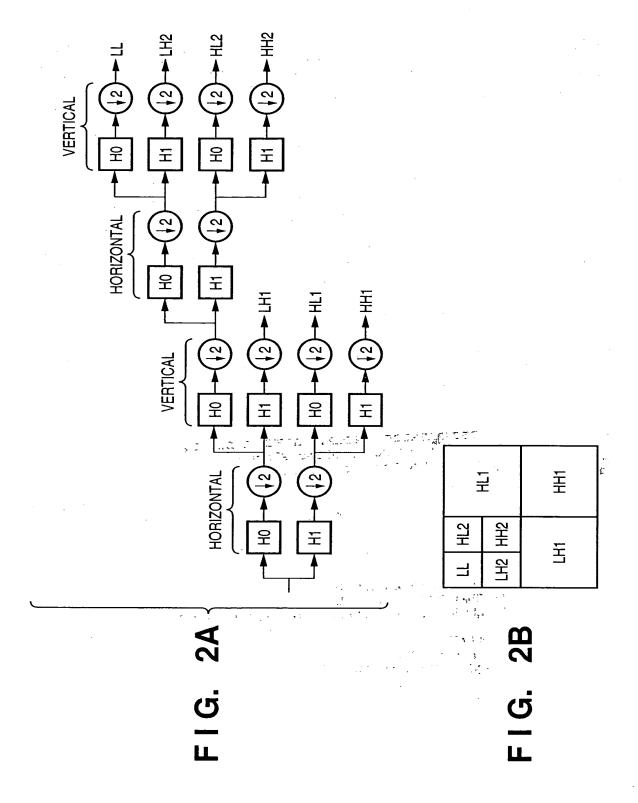
1/24 RECORDING DEVICE DISPLAY DEVICE 208 IMAGE PROCESSING APPARATUS IMAGE OUTPUT UNIT CODE OUTPUT UNIT 107 207 ENTROPY ENCODER DISPLAY BUFFER MEMORY 206 106 INVERSE DISCRETE WAVELET TRANSFORMER QUANTIZER 205 105 <u>Е</u> DATA COMPOSITION H UNIT 104 204 FIRST MEMORY SECOND MEMORY 103 203 FIRST DISCRETE WAVELET TRANSFORMER SECOND DISCRETE WAVELET TRANSFORMER 102 202 SECOND IMAGE INPUT UNIT FIRST IMAGE INPUT UNIT 101 201



#### FIG. 3

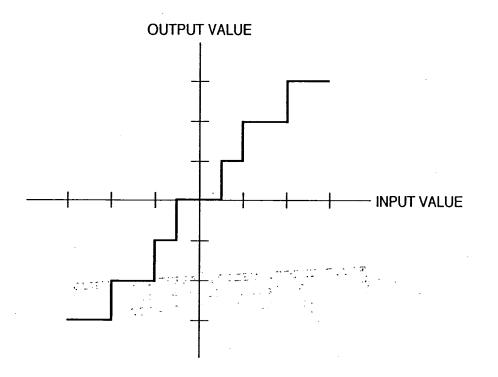
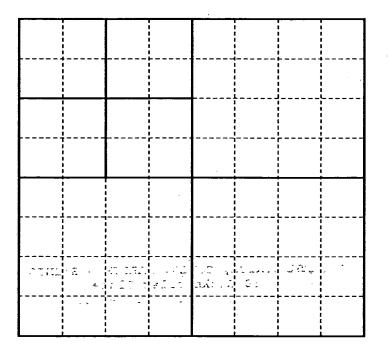


FIG. 4

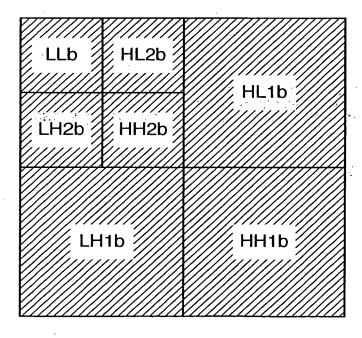


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FIG. 5A

LLa	HL2a	HL1a
LH2a	НН2а	HL1a
LH1a		НН1а

FIG. 5B



### FIG. 6A

LLa	HL2a	HL1a
LH2a	HH2a	ΠΕΙα
LH1a		HH1a

START OF SWITCHING

		^ D
L	1 / 2	- GH
	ı G.	UD

LLa	HL2a	HL1a
LH2a	HH2a	ΠΕΙα
LH1a		HH1b

**1ST TO 30TH FRAMES** 

FIG. 6C

LLa	HL2a	HL1b
LH2a	HH2a	
LH	11b	HH1b

31ST TO 60TH FRAMES

FIG. 6D

LLa	HL2a	HL1b
LH2a	HH2b	
LH1b		HH1b

61ST TO 90TH FRAMES

FIG. 6E

LLa	HL2b	HL1b
LH2b	HH2b	
LH	  1b	HH1b

91ST TO 120TH FRAMES

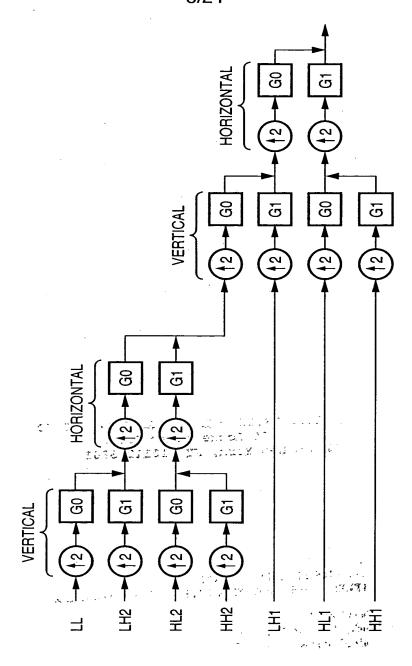
FIG. 6F

LLb	HL2b	HL1b
LH2b	HH2b	
LH	  1b	HH1b

**END OF SWITCHING** 

7/24 DISPLAY DEVICE IMAGE PROCESSING APPARATUS IMAGE OUTPUT UNIT 707 DISPLAY BUFFER MEMORY 706 DISCRETE WAVELET TRANSFORMED DATA OUTPUT UNIT INVERSE DISCRETE WAVELET TRANSFORMER 708 705 DECODING MEMORY 704 ENTROPY DEQUANTIZER → DECODER → 703 CODE RECORD-ING DEVICE 108

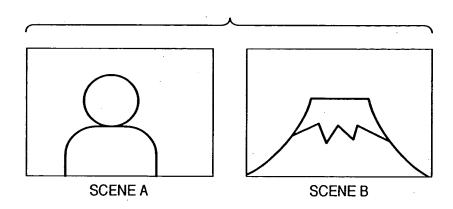
FIG. 7

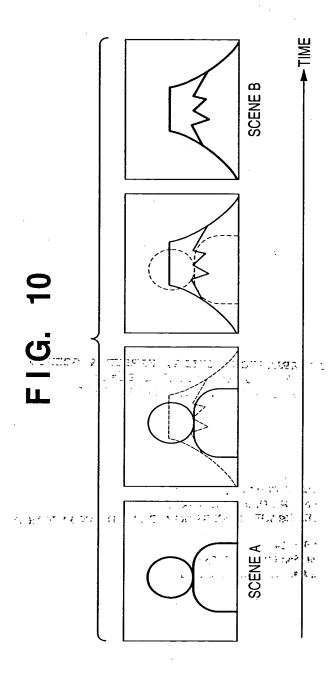


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# FIG. 9





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FIG. 11A

LLa	HL2a	HI 1a	
LH2a	HH2a	HL1a	
LH	1a	НН1а	

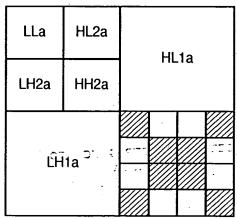
START OF SWITCHING

## FIG. 11B

LLa	HL2a	HL1a			
LH2a	HH2a	nLla			
LH	LH1a				
				L	<i>V////</i>

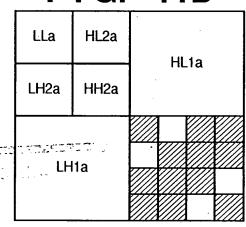
1ST TO 8TH FRAMES

FIG. 11C



9TH TO 16TH FRAMES

FIG. 11D



17TH TO 24TH FRAMES

FIG. 11E

		<u> </u>		::::::::::::::::::::::::::::::::::::::	
	LLa	HL2a	. 1 8 8 8 8 8 1 8 1	Levent Barbers	11 77 A.
ŀ			HL1a		a second
	LH2a	HH2a		er den kende de de de Georgia de	13.1903
r					
ł					
	LH1a		HH1b	•	
1					
L					

25TH TO 32ND FRAMES

FIG. 12A

LLa	HL2a	HL1a
LH2a	НН2а	ΠΕΙα
LH1a		НН1а

START OF SWITCHING

### F I G. 12B

LLa	HL2a	HL1a
LH2a	HH2a	ΠΕΙα
LH1a		HH1a × 0.7 + HH1b × 0.3

1ST TO 8TH FRAMES

FIG. 12C

LLa	HL2a	HL1a
LH2a	HH2a	ΠΕΙα
LH	11a , _	HH1a × 0.5 

9TH TO 16TH FRAMES

FIG. 12D

LLa	HL2a	HL1a
LH2a	НН2а	ΠΕΙα
, <b>Ļ</b> Н1а. <u>.</u>		HH1a × 0.3 + HH1b × 0.7

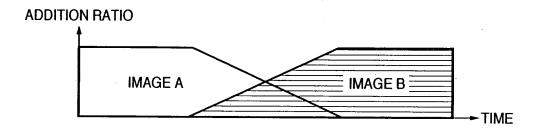
17TH TO 24TH FRAMES

### FIG. 12E

LLa	HL2a	HL1a
LH2a	НН2а	ΠΕΙα
LH	1a	HH1b

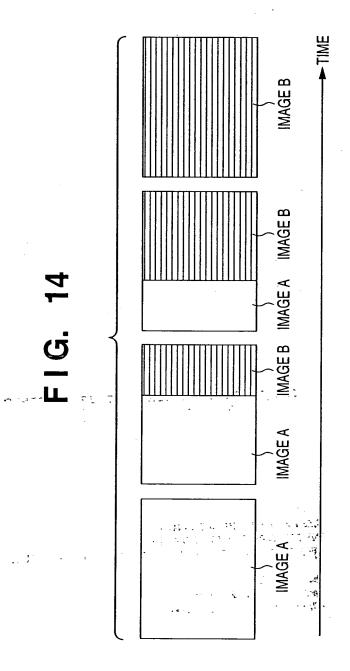
25TH TO 32ND FRAMES

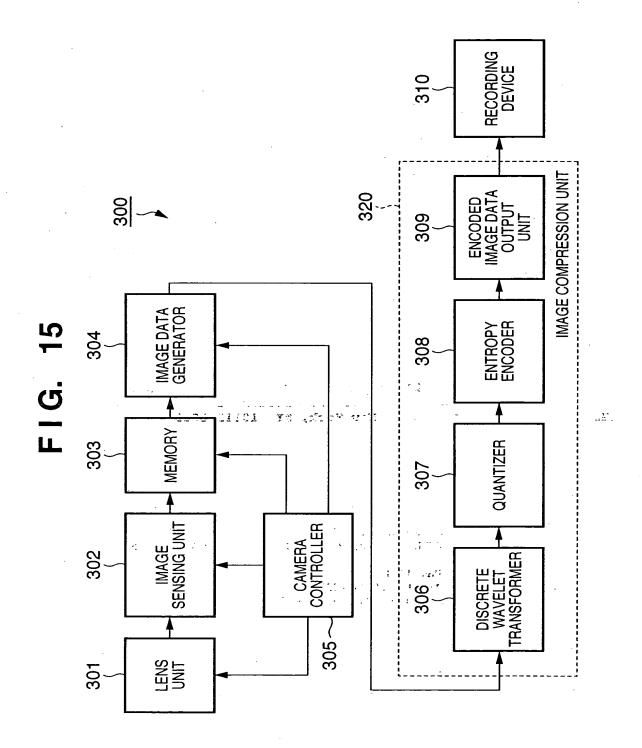
# FIG. 13



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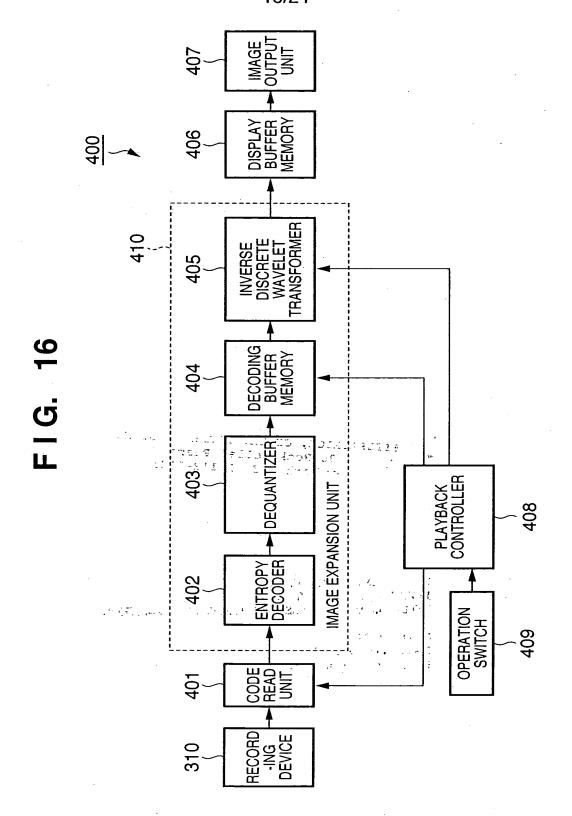
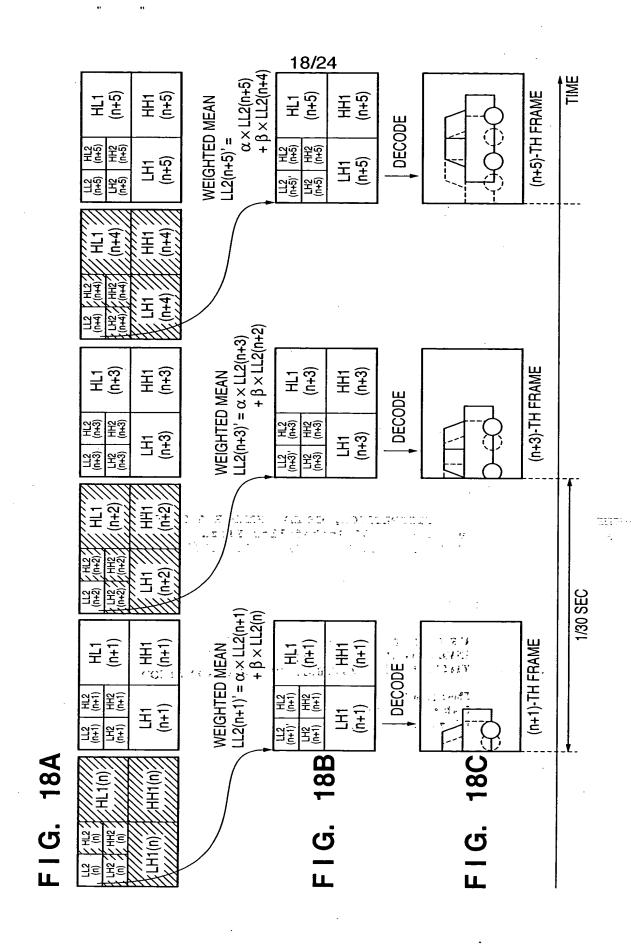


FIG. 17A

_	17/24							
	HL1 (n+5)	HH1 (n+5)	DECODE				(n+5)-TH FRAME	TIME
	LL2 HL2 (n+5) (n+5) LH2 HH2 (n+5) (n+5)	(n+5)	DEC				(n+5)-Ti	
	HL1 (n+4)	HH1 (n+4)	)DE				FRAME	
	LL2 HL2 (n+4) (n+4) LH2 HH2 (n+4) (n+4)	(h+4)	DECODE				(n+4)-TH FRAME	
	HL1 (n+3)	HH1 (n+3)	)DE				FRAME	
	(n+3) (n+3) (n+3) (n+3) (n+3) (n+3)	(n+3)	DECODE				(n+3)-TH FRAME	
	HL1 (n+2)	HH1: (n+2)	)DE	e i i i i i i i i i i i i i i i i i i i		ε	(n+2)-TH FRAME	
	LL2 HL2 (n+2) (n+2) (n+2) (n+2)	LH1 (n+2)	DECODE	·			(n+2)-TH	<b></b>
	HĽ1 (n+1)	HH1 (n+1)	)DE	ia Noticia e Si	. :.	TO THE STATE OF TH	FRAME	
	LL2 HL2 (n+1) (n+1) LH2 HH2 (n+1) (n+1)	LH1 (n+1)	DECODE	m			(n+1)-TH FRAME	
	HL1(n)	HH1(n)	DE	178			RAME	1/30 SEC
	LL2(n) HH2(n)	LH1(n)	DECODE	FIG.			n-TH FRAME	1/30

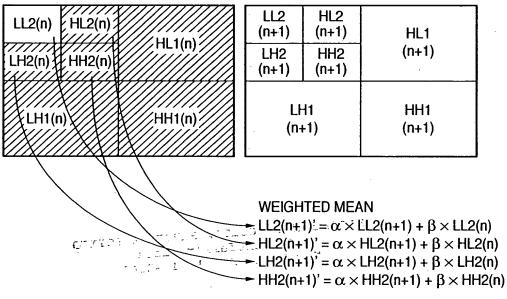
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19/24 TIME DECODE (n+5)-TH FRAME H\_13 HH (0+2) H-13 HH1 (n+5) WEIGHTED MEAN LL2(n+5)' =  $\alpha \times LL2(n+5)$ +  $\beta \times LL2(n+4)$ +  $\gamma \times LL2(n+4)$ (n+5) (n+5) (n+5) (n+5) (n+5) (n+5) F (5) (n+5) 1/30 SEC DECODE (n+2) H=13(1+2) HH1 (n+2) (n+2)-TH FRAME · -(n+2)  $\alpha \times LL2(n+2)$ +  $\beta \times LL2(n+1)$ +  $\gamma \times LL2(n)$ ; WEIGHTED MEAN LL2(n+2)'= 2 달 달 LH1 (n+2) (1+2) (n+2), (n+2), (n+2) 물<sup>2</sup>

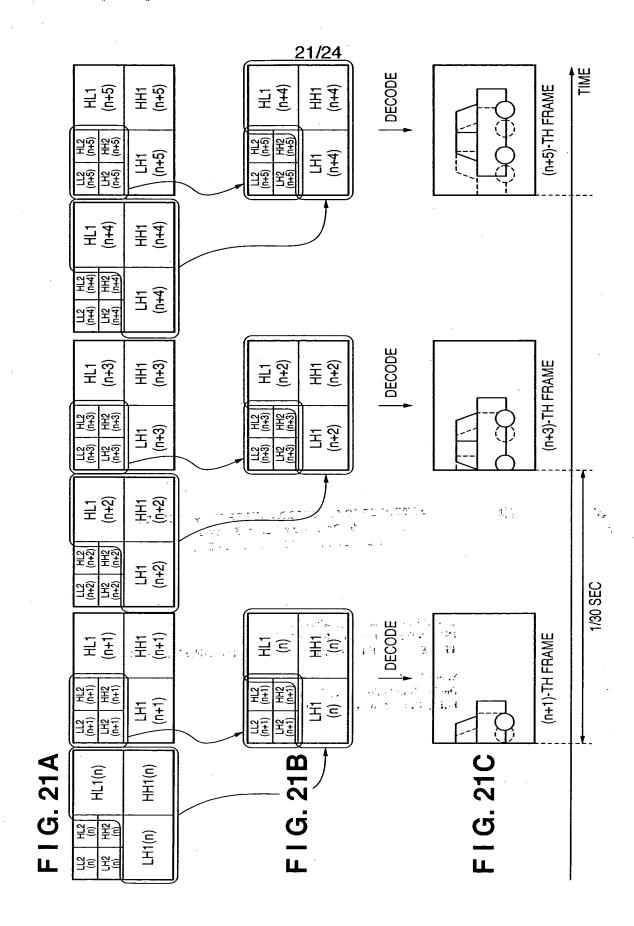
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### FIG. 20A

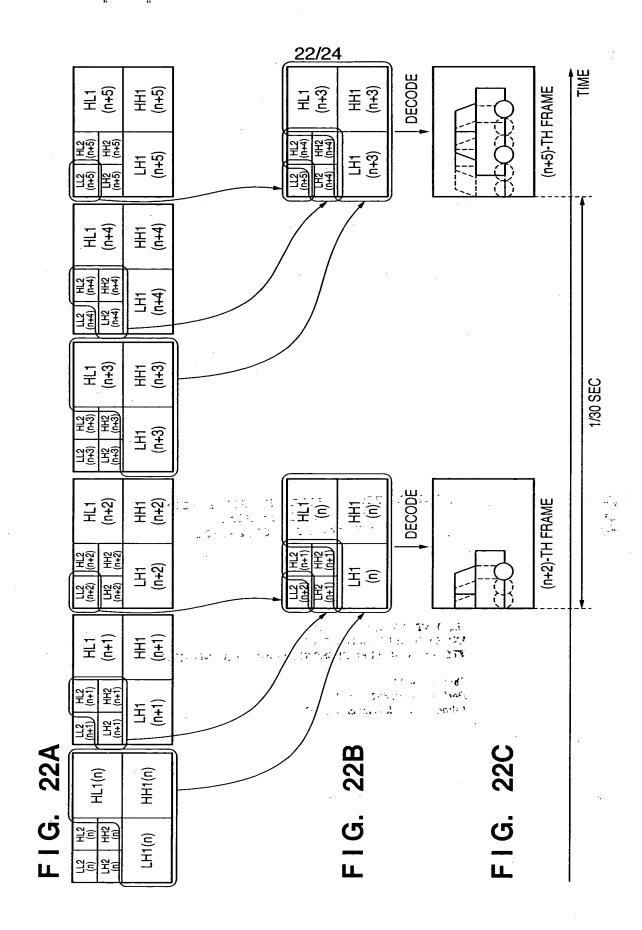


## FIG. 20B

LL2 (n+1)'	HL2 (n+1)'		HL1
LH2 (n+1)'	HH2 (n+1-)',	ئىي. ئىي	(n+1)
शास्त्र इस्ताई	The State of	TF	
LH (n+	* . <del>*</del>		HH1 (n+1)
g de.	. 4	Mar 8	



1. S. C.



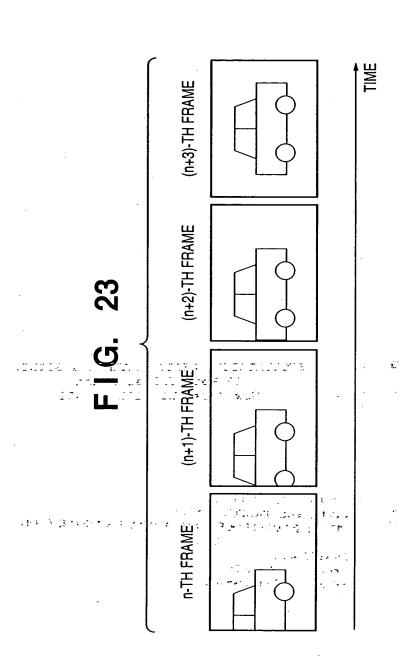


FIG. 24

